ABSTRACT

The present disclosure allows for the downloading of large digital media files in a progressive manner by allowing for a transfer of such digital media to occur over various sessions. A file server is described that receives a request to transmit a file whereupon the file server locates such requested file in its memory. For verification purposes a unique identifier is computed for the requested file such as an MD5 checksum of the digital file. Thereafter an encryption key, K1, is chosen. Using a second key, K2, the first key and the unique identifier are encrypted, and the requested file is encrypted using the first key. Both these encrypted values are then transmitted. Subsequently, for example, after payment is received, an unencrypted form of the first key is also transmitted. The first key can then be used to decrypt the requested file to unlock full functionality of the requested file.